

1ch DALI to CONSTANT CURRENT Converters

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PKC.470	220-240VAC 50/60Hz	100-400mA*	10-42VDC*	4-12W*	≤ 1%**	IP20	DALI, PUSH



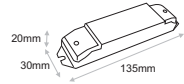
P out W	V out DC	I out DC	V out max.	ta °C	tc °C	η max. Efficiency*
4.2	10-42	100 mA const.	50	-25...+50	75	0.82
6.3	10-42	150 mA const.				
8.4	10-42	200 mA const.				
10.5	10-42	250 mA const.				
12	10-40	300 mA const.				
12	10-34	350 mA const.				
12	15-30	400 mA const.				

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.

**Referred to V_{in} = 230 V, 100% load

- Dimming range 0.01%-100%.
- Suitable for TV studios.
- Overload, Short circuit protection.
- Overheating protection.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
PKC.384	220-240VAC 50/60Hz	350-700mA*	10-24VDC*	8-12W*	IP20	DALI

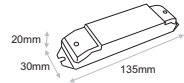


P out W	V out DC	I out DC	V out max.	ta °C	tc °C	η max. Efficiency*
8	10-24	350 mA const.	35	-25...+50	85	0.88
10	10-24	400 mA const.				
11	10-24	450 mA const.				
12	10-24	500 mA const.				
12	10-22	550 mA const.				
12	10-20	600 mA const.				
12	10-18.5	650 mA const.				
12	10-17	700 mA const.				

*Referred to V_{in} = 230 V, 100% load

*Please refer to the matrix below.

- Constant Current output selection from 350mA up to 700mA.
- Dimming range 0.01%-100%
- Suitable for TV studios
- Overload, Short-circuit protection
- Overheating protection



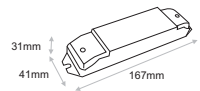
Code	Supply Voltage	Output Current	Output Voltage	Max. Power Consumption	Control
PKC.296	220-240VAC 50/60Hz	200-1200mA*	10-54VDC*	36W	DALI, PUSH



Output Power	Output Voltage	Output Current
2-10.8W	10-54V	200mA
3.5-18.9W	10-54V	350mA
5-27W	10-54V	500mA
6-32.4W	10-54V	600mA
7-36.4W	10-52V	700mA
9-36W	10-40V	900mA
10.5-36.75W	10-35V	1050mA
12-36W	10-30V	1200mA

*Please refer to the matrix below.

- Overload, Short-circuit protection
- Overheating protection



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
PKC.419	220-240VAC 50/60Hz	350-1200mA*	2-70VDC*	25-65W*	≤ 3%**	IP20	DALI, 1-10V, PUSH



P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*					
25	10-70	350 mA const.	95	-25...+55	80	0.98	>90					
31	10-70	450 mA const.										
35	2-70	500 mA const.										
38	2-69	550 mA const.										
41	2-68	600 mA const.										
48	2-68	700 mA const.										
52	2-66	800 mA const.										
60	2-66	900 mA const.										
63	2-66	950 mA const.										
65	2-62	1050 mA const.										
65	2-54	1200 mA const.										
65W at 58VDC		Constant Voltage										

*Referred to V_{in} = 230 V, 100%

*Please refer to the matrix below.

**Referred to V_{in} = 230 V, 100% load

- Overload & Short circuit protection.

